

**AMENDMENTS TO THE CLAIMS**

1. (Cancelled)

2. (Previously Presented) A scanning device for scanning an object that has two ends, comprising:

a lamp, which has two ends, for emitting a light beam onto said object, a first line defined by the two ends of the lamp being substantially parallel to a second line defined by the two ends of the object; and

a tube, surrounding with said lamp, of variable thickness comprising two ends and a central part, thickness at said two ends being larger than thickness at said central part for refracting said light beam,

wherein said light beam is substantially collimated before passing through said tube, and after said light beam passes through said tube, said tube refracts said light beam to deflect toward the two ends of the object, to facilitate said light beam to dispread substantially equally onto said object.

3-6. (Cancelled)

7. (Previously Presented) The scanning device of claim 2, wherein said lamp includes a linear light source, and the linear light source emits more light at a central portion of the linear light source than at both of the two ends of the linear light source.

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8-10. (Cancelled)